

# GW

-25200/51100/51200

## Low-voltage LFP Battery



- All new a grade cell LFP battery
- 6000 cycle life
- Scalable up to 15 modules
- Wall installation protection
- IP20/IP65 optional



The GW series battery features a compact, lightweight, and scalable design. Its modular flexibility ensures versatile energy storage applications.

### ADVANTAGE



**HIGH  
EFFICIENCY**



**SPACE  
SAVING**



**EXPANDABLE  
SYSTEM**



**EASY  
INSTALLATION**



**BLUETOOTH**

## SPECIFICATION

Electrical			
Model	GW-25200	GW-51100	GW-51200
Cell type	LiFePO4		
Rated voltage	25.6VDC		51.2 VDC
Voltage range	21.6 ~ 28.8VDC		43.2 ~ 57.6VDC
Nominal capacity	200Ah	100Ah	200Ah
Rated capacity	5.12kWh	5.12kWh	10.24kWh
Standard charge/discharge current	50A		
Maximum charge/discharge current	100A		
Expandable parallel connection	1 ~ 15pcs		
Discharge depth	90%		
Cycle life <sup>[1]</sup>	≥6000 Cycles		
Environmental			
Ambient humidity	≤80%RH (No condensation)		
Operating temperature	Charge: 0 ~ 55°C Discharge: -20 ~ 55°C		
Storage temperature	-20 ~ 55°C		
Altitude	≤2000m		
Cooling method	Natural cooling		
Communication			
Display	LCD display/LED indicator light		
Communication	CAN/RS485/Bluetooth		
Mechanical			
Dimension	630*405*170mm	630*405*170mm	680*450*250mm
Weight	45kg	45kg	90kg
Installation method	Wall-mounted		
Protection level	IP20		
Conformance			
Safety regulations	IEC 62619		
EMC	EN IEC 61000-6-1/2/3/4		
Transportation	UN 38.3		

[1] Test conditions: 0.2C charge/discharge, ambient temperature maintained at 25±2°C, 80% DOD



# GW<sub>-25100</sub>

## Low-voltage LFP Battery



- All new a grade cell LFP battery
- 6000 cycle life
- Scalable up to 15 modules
- Wall installation protection
- IP20/IP65 optional

The GW series low-voltage LFP battery is a high-performance, scalable solution with a flexible modular design, adaptable to diverse energy storage needs.

### ADVANTAGE



**HIGH  
EFFICIENCY**



**SPACE  
SAVING**



**EXPANDABLE  
SYSTEM**



**EASY  
INSTALLATION**



**BLUETOOTH**

## SPECIFICATION

### Electrical

Model	GW-25100
Cell type	LiFePO4
Rated voltage	25.6VDC
Voltage range	21.6 ~ 28.8VDC
Nominal capacity	100Ah
Rated capacity	2.56kWh
Standard charge/discharge current	50A
Maximum charge/discharge current	100A
Expandable parallel connection	1 ~ 15pcs
Discharge depth	90%
Cycle life <sup>[1]</sup>	≥6000 Cycles

### Environmental

Ambient humidity	≤80%RH (No condensation)
Operating temperature	Charge: 0 ~ 55°C Discharge: -20 ~ 55°C
Storage temperature	-20 ~ 55°C
Altitude	≤2000m
Cooling method	Natural cooling

### Communication

Display	LCD display/LED indicator light
Communication	CAN/RS485/RS232/Bluetooth

### Mechanical

Dimension	465*330*148mm
Weight	26kg
Installation method	Wall-mounted
Protection level	IP20

### Conformance

Safety regulations	IEC 62619
EMC	EN IEC 61000-6-1/2/3/4
Transportation	UN 38.3

[1] Test conditions: 0.2C charge/discharge, ambient temperature maintained at 25±2°C, 80% DOD

